## Amendments to the Claims:

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- 1. (withdrawn) A control system for a hydrostatic unit having a swashplate comprising: an electronic means for producing a dithered output signal; a pressure control adapted to receive the dithered output signal and position the swashplate.
- 2. (withdrawn) The control system for a hydrostatic unit of claim 1 wherein the electronic means is a microprocessor.
- 3. (withdrawn) The control system of claim 2 wherein the microprocessor receives information from a set point command signal.
- 4. (withdrawn) The control system of claim 2 wherein the microprocessor receives information from a feedback sensor.
- 5. (withdrawn) The control system of claim 1 wherein the pressure control is a flapper nozzle style pilot valve with two boost spools.
- 6. (withdrawn) The control system of claim 1 further comprising: a servo system operably connected to the pressure control and swashplate.
- 7. (original) A method of controlling the angle of a swashplate of a hydrostatic unit having a swashplate comprising steps of:

generating an electric signal based on a set point signal; receiving the electric signal in a microprocessor;

- interpolating the information from the electric signal using an algorithm contained in the microprocessor;
  - sending an output signal from the microprocessor to a pressure control;

dithering the output signal; and

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- generating a dithered pressure from the pressure control that displaces the swashplate.
- 8. (original) The method of claim 7 wherein the set point signal is generated by measuring an operational parameter.
- 9. (original) The method of claim 8 wherein the operational parameter is the angle of the swashplate.
- 10. (withdrawn) The method of claim 7 wherein the algorithm is a PID type algorithm.
- 11. (withdrawn) The method of claim 7 wherein the algorithm is a PID + feed forward algorithm.
- 12. (withdrawn) The method of claim 7 wherein the algorithm is a KIDT1 algorithm.
- 13. (withdrawn) The method of claim 7 wherein the pressure control is a flapper nozzle style pilot valve with two boost spools.
- 14. (original) The method of claim 7 wherein the pressure control is a flapper nozzle style pilot valve with one boost spool.

- 15. (withdrawn) The method of claim 7 wherein the pressure control is a flow control.
- 16. (withdrawn) The method of claim 7 wherein the pressure control is comprised of two pressure controls.
- 17. (withdrawn) The method of claim 7 wherein the output signal is dithered by the pressure control.
- 18. (withdrawn) The method of claim 7 wherein the output signal is dithered by the microprocessor.
- 19. (withdrawn) A control system for a hydrostatic pump having a swashplate comprising:
- a feedback sensor adapted to sense the angle of the swashplate;
- a microprocessor adapted to receive information from the feedback sensor and produce a dithered output signal;
- a pressure control adapted to receive the dithered output signal and position the swashplate.
- 20. (withdrawn) The control system of claim 19 wherein the microprocessor is also adapted to receive information from a set point command signal.